

USPTO Customer No. 25280

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AMENDMENT TO THE CLAIMS

1 - 9. (Cancelled)

10. (Previously presented) An airbag comprising:
a fabric substrate coated with a coating composition comprising
- (i) a silicone polymer having a first cohesion parameter, wherein said silicone polymer is crosslinked by at least one catalyst, and
 - (ii) a second polymer that is interdispersed within said silicone polymer, creating a plurality of semi-interpenetrating polymer networks in which said second polymer is trapped within said crosslinked silicone polymers, wherein said second polymer has a second cohesion parameter,
- wherein the absolute difference between said first and said second cohesion parameters is no more than about 3 MPa^{1/2}.
11. (Original) The airbag as recited in claim 10, wherein said catalyst is selected from the group consisting of platinum, palladium, cumyl peroxide, acyl peroxide, and benzoyl peroxide.
12. (Original) The airbag as recited in claim 10, wherein said fabric substrate is woven.
13. (Original) The airbag as recited in claim 12, wherein said fabric substrate is a one-piece Jacquard woven cushion.
14. (Original) The airbag as recited in claim 13, wherein said one-piece Jacquard woven cushion is formed from nylon fibers.

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15. (Original) The airbag as recited in claim 10, wherein said fabric substrate is knitted.
16. (Original) The airbag as recited in claim 10 wherein said fabric substrate is non-woven.
17. (Original) The airbag as recited in claim 10 wherein said fabric substrate is formed from the group consisting of natural fibers, synthetic fibers, and inorganic fibers.
18. (Currently amended) The airbag as recited in claim 10, wherein said second polymer is selected from the group consisting of polyethylene, polybutadiene, natural rubber, ethylene-methyl acrylate copolymer, ethylene-vinyl acetate copolymer, EPDM, butyl rubber 400, styrene-butadiene copolymer, butadiene/styrene 96/4, butadiene/styrene 87.5/12.5, butadiene/styrene 71.5/28.5, butadiene/acrylonitrile 82/18, acrylonitrile-butadiene elastomer, isoprene elastomer, poly(isobutylene), poly(ethylmethacrylate), styrene-butadiene, isobutylene-isoprene rubber, polychloroprene, ethylene propylene copolymer, ~~chloro-sulfonyl~~ chlorosulfonated polyethylene, and polyether urethane.
19. (Original) The airbag as recited in claim 10, wherein said coating composition further comprises γ -isocyanatopropyl-trimethoxysilane.
20. (Previously presented) The airbag as recited in claim 10, wherein said coating composition further comprises 3-methacryloxypropyltrimethoxysilane.
21. (Cancelled)

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22. (Previously presented) The airbag as recited in Claim 18, wherein said second polymer is ethylene-methyl acrylate.